**Index of Claims** 

| App | licatior | n/Control | No. |
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FRANKIE L. STINSON

10/764,183

Examiner

Applicant(s)/Patent under Reexamination

MCKEE, PHILIP R.

Art Unit

1746

| <b>1</b> | Rejected |
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| =        | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** 0 Objected

| Cla            | im       | Date         |  |          |              |  |              | Cla      | Date      |   |       |          |          |                 |          | CI       | aim      | Date    |          |                    |  |                                       |       |            |   |  |                                      |          |          |          |          |          |           |
|----------------|----------|--------------|--|----------|--------------|--|--------------|----------|-----------|---|-------|----------|----------|-----------------|----------|----------|----------|---------|----------|--------------------|--|---------------------------------------|-------|------------|---|--|--------------------------------------|----------|----------|----------|----------|----------|-----------|
|                |          | 2            | Γ  |          |              |  |              |          |           |   | _ 1   |          |          |                 |          |          | T        | T       |          |                    |  |                                       |       |            |   |  |                                      |          |          |          |          | T        | $\exists$ |
| Final          | Original | 14           |  |          |              |  |              |          | i         |   |       | Final    | Original |                 | - 1      |          |          |         |          |                    |  |                                       | Final | Original   |   |  |                                      |          |          |          |          |          | -         |
| ίĒ             | Örič     | 06           | 1  |          | 1            |  |              |          |           |   |       | ίĽ       | Öri      |                 |          | - [      |          |         |          |                    |  |                                       | ίΞ    | Ori        |   |  |                                      |          |          |          |          |          |           |
| <u> </u>       |          | <u> </u>     | _  | _        |              | <u> </u>   |              |          | $\Box$    |   |       |          |          | Ш               | _        | 4        | _        | $\perp$ |          | ↓_                 | L  |                                       |       |            |   | $\Box$                                 | _                                    | _        | 4        | $\dashv$ | 4        | 4        | 4         |
| 1              | 1        | =            | _  | _        | <u> </u>     | -  | L            | Н        |           |   |       |          | 51       |                 | $\dashv$ | $\dashv$ | 4        | +       |          | ╀                  | H  | 5                                     |       | 101        |   |  | -+                                   | +        | $\dashv$ | $\dashv$ | _        | $\dashv$ | ᅴ         |
| 2              | 2        | =            | _  |          | -            | -  | <b>-</b>     | -        | -         | _ | 79    |          | 52       | Н               |          |          | -        | +       |          | ┿                  | H  |                                       |       | 102<br>103 |   | $\dashv$                               | +                                    | -        | 4        | 4        | +        | +        | ᅥ         |
| 3              | 3        | =            | -  |          | -            | ├  | -            | $\vdash$ | -         | _ | fi.   |          | 53<br>54 | H               | $\dashv$ | $\dashv$ | +        | +       |          | ╁                  | -  | 2.4                                   |       | 103        |   | $\dashv$                               | $\dashv$                             | +        | +        | -+       | +        | $\dashv$ | $\dashv$  |
| 5              | 5        | =            | -  | ┝        | $\vdash$     | ╁  | ┢            | Н        | $\dashv$  | _ | 7     |          | 55       | $\vdash$        | -        | +        | +        | +       | +        | ┿                  | ⊢  | ÷ -                                   |       | 105        | _ | -                                      |                                      | +        | +        | $\dashv$ | +        | $\dashv$ |           |
| 6              | 6        | =            | ┢  | ⊢        | -            | ├─   | _            | Н        | $\dashv$  |   | 0     |          | 56       | ┝┈┤             | $\dashv$ | $\dashv$ | +        | -       | +        | ╁                  | 1  | (1)                                   |       | 106        |   | -                                      | $\dashv$                             | +        | +        | $\dashv$ | ┪        | $\dashv$ | ᅱ         |
| 7              | 7        | =            | ┢┈   | -        | -            | ╁╌   | $\vdash$     | Н        | $\dashv$  |   |       |          | 57       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +        | ╁                  | $\vdash$   | š.                                    |       | 107        |   |  | $\dashv$                             | +        | $\dashv$ | -        | +        | $\dashv$ | ᅱ         |
| <del></del>    | 8        | ┢            | -  |          |              |  |              | Н        | $\dashv$  |   |       |          | 58       | H               | $\dashv$ | $\dashv$ | +        | 十       | $\top$   | +                  | H  |                                       |       | 108        |   | 寸                                      | 十                                    | $\dashv$ | +        | $\dashv$ | 十        | 寸        | ┪         |
| 8              | 9        | =            | $\vdash$   | _        | _            | $t^-$  | _            | $\vdash$ |           | _ |       |          | 59       | Н               | ╅        | ┪        | 7        | 十       | - -      | ╁                  |  | *                                     |       | 109        |   |  | 十                                    | $\dashv$ | 十        | $\dashv$ | 1        | 寸        | ┪         |
| 9              | 10       | =            |  |          |              | Г  |              |          |           |   |       |          | 60       | Ħ               | 寸        | $\neg$   | ✝        | 十       |          | 十                  |  |                                       |       | 110        |   |  | $\neg$                               | $\top$   | 十        | $\dashv$ | $\top$   | 寸        | ┪         |
| 10             | 11       | =            |  |          |              |  | İ            | П        | $\neg$    |   |       |          | 61       |                 | $\neg$   | $\neg$   | 十        | T       |          | $\top$             |  |                                       |       | 111        |   |  | T                                    | $\neg$   | T        | 寸        | T        | $\neg$   | ヿ         |
| 11             | 12       | =            |  |          |              |  |              |          |           | _ | 11.   |          | 62       |                 |          | _1       |          | ╛       |          | Ι                  |  | 4                                     |       | 112        |   |  |                                      |          |          |          |          | ╛        |           |
| 12             | 13       | =            |  |          |              | L  |              |          |           |   | -     |          | 63       |                 |          |          |          | 丁       |          |                    |  | -                                     |       | 113        |   |  |                                      |          |          |          |          |          |           |
| 13             | 14       | =            |  |          |              |  |              |          |           |   |       |          | 64       |                 |          |          |          | $\prod$ |          |                    |  | $\mathbf{r}^{\mathbf{r}_{i,j}^{(i)}}$ |       | 114        |   |  |                                      | $\Box$   |          | floor    | $\Box$   |          |           |
| 14             | 15       | Ξ            |  |          | L            |  |              |          |           |   |       |          | 65       | Ш               | $\Box$   | $\Box$   |          | $\perp$ |          | 厂                  | 匚  | i                                     |       | 115        |   | Ш                                      | $\bot$                               | $\bot$   | $\bot$   | $\Box$   | $\perp$  | Ţ        |           |
| 15             | 16       | =            |  | L        |              |  | L            | $\sqcup$ |           |   |       |          | 66       | Ш               |          | _        | $\perp$  |         |          |                    |  |                                       |       | 116        |   |  | $\perp$                              | _        | $\perp$  | 4        |          | _        | _         |
| 16             | 17       | =            |  | L        |              | <u> </u>   | L            |          |           |   | , A 1 |          | 67       | Ш               | $\dashv$ | $\dashv$ | $\perp$  | _       |          | $\perp$            | $\perp$  |                                       |       | 117        |   |  | $\dashv$                             | _        | _        | 4        | _        | _        | _         |
| 17             | 18       | =            | <u></u>  | <u> </u> |              | <u> </u>   | <u> </u>     |          |           |   |       |          | 68       | Ш               | _        | _        | _        | 4       | 4        | $oldsymbol{\perp}$ | _  |                                       |       | 118        |   | Ц                                      | _                                    | 4        | _        | 4        | _        | 4        | 4         |
| 18             | 19       | =            | _  | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | Ш        |           |   |       |          | 69       |                 | 4        | 4        | -        | _       |          | $\bot$             | <u> </u>   |                                       |       | 119        |   | $\Box$                                 | $\dashv$                             | 4        | _        | 4        | 4        | -        | 4         |
| 19             | 20       | =            | <u> </u>   | <u> </u> | <u> </u>     | ┡  | <u> </u>     | Ш        |           |   | -1.0  |          | 70       | Н               | 4        | $\dashv$ | -        | -       | _        | +-                 | -  |                                       |       | 120        |   |  | $\dashv$                             | 4        | 4        | 4        | +        | 4        | $\dashv$  |
| 20             | 21       | =            | <u> </u>   | <u> </u> | -            | <u> </u>   | _            | Н        | -         | _ | 1 6   |          | 71       | $\vdash$        | -        | -        | -        | -       |          | ╀                  |  | W                                     |       | 121        |   | $\vdash$                               | _                                    | $\dashv$ |          | -        | -        | -        |           |
| 21             | 22<br>23 | =            |  | ┝        | -            | ⊢  | ├            |          | -         |   | 2     |          | 72<br>73 | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       |          | +-                 | ⊢  |                                       |       | 122<br>123 |   |  | $\dashv$                             | +        | +        | +        | -        | -+       | $\dashv$  |
|                | 24       | ⊢            | -  | -        | ├            | ⊬  | ⊢            | H        | $\vdash$  |   | A 3,  |          | 74       | $\vdash$        | $\dashv$ | +        | +        | +       | -        | ╁                  | ⊢  |                                       |       | 123        |   |  | $\dashv$                             | $\dashv$ | +        | $\dashv$ | +        | $\dashv$ | $\dashv$  |
| <u> </u>       | 25       | ├            | ⊢  | ⊢        | -            | ⊬  | -            | H        |           |   | 10    |          | 75       | $\vdash$        | +        | $\dashv$ | -        | +       | -        | ┼                  | ┝  | ă.                                    |       | 125        | _ |  | $\dashv$                             | +        | +        | +        | +        | ᆉ        | $\dashv$  |
| 22             | 26       | =            | -  | -        | $\vdash$     | ╁╾   | ╌            | Н        | $\dashv$  |   | ,     |          | 76       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | $\dashv$ | ╁                  | $\vdash$   | - V                                   |       | 126        |   | $\vdash$                               | $\dashv$                             | $\dashv$ | +        | +        | $\dashv$ | $\dashv$ | $\dashv$  |
| 23             | 27       | =            | $\vdash$   | $\vdash$ |              | +-   | $\vdash$     | H        | $\dashv$  |   | - 4   |          | 77       |                 | -+       | +        | +        | +       |          | ╁                  | -  |                                       |       | 127        |   |  | +                                    | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| 24             | 28       | =            | $\vdash$   | -        | ┢            | ┢  | <del> </del> | -        | $\vdash$  | _ | -     |          | 78       | H               | $\dashv$ | $\dashv$ | +        | +       | +        | ╁                  | ╁  |                                       | -     | 128        | _ |  | -+                                   | +        | +        | -        | +        | $\dashv$ | ᅱ         |
| <del>-</del> - | 29       |              | H  |          |              | H  | $\vdash$     | H        |           | _ | - 30  |          | 79       | H               | _        | 十        | _        | +       |          | 十                  | <del>                                     </del> |                                       |       | 129        |   |  | 十                                    | 十        | $\dashv$ | T        | 十        | $\dashv$ | ┪         |
|                | 30       |              | Н  |          |              | <u> </u>   | $\vdash$     |          |           |   | 72    |          | 80       | П               | 寸        | $\dashv$ | +        | 十       | $\top$   | +                  | ✝  | 1.                                    |       | 130        |   |  | _                                    | _        | _        | _        | 十        | 1        | ヿ         |
|                | 31       | Т            |  | $\vdash$ |              | <del>                                     </del> | $\vdash$     |          | $\neg$    |   | 7     |          | 81       | П               | ╗        | 7        | $\top$   | _       | _        | 1-                 |  |                                       |       | 131        |   |  | $\neg$                               | 十        |          |          | 十        | 寸        | ヿ         |
|                | 32       |              |  |          |              | <b> </b>   |              |          |           |   |       |          | 82       | П               |          | $\neg$   | $\neg$   | T       | $\neg$   | T                  | П  | ***                                   |       | 132        |   |  | T                                    | T        |          |          | 丁        |          | ヿ         |
|                | 33       |              | Г  | Г        |              |  | П            | П        |           |   |       |          | 83       |                 | $\Box$   | Т        | П        | Т       |          | Т                  | Г  | Vin.                                  |       | 133        |   |  | $\neg$                               |          |          | T        | П        |          |           |
|                | 34       |              |  |          |              |  |              |          |           |   | -     |          | 84       |                 | $\Box$   | $\Box$   | Ι        |         |          |                    |  | 1                                     |       | 134        |   |  |                                      |          |          | $\Box$   |          | $\Box$   |           |
|                | 35       | L            |  | $\Box$   |              | oxdot  | $ar{\Box}$   |          |           |   |       |          | 85       |                 | $\bot$   | $\perp$  | $\perp$  | $\perp$ |          | 1                  |  | ÷ -                                   |       | 135        |   |  |                                      | $\perp$  | $\bot$   | $\bot$   | $\perp$  | $\perp$  | $\Box$    |
| <u> </u>       | 36       | L            |  | L        |              |  |              |          | Щ         |   |       |          | 86       | Ш               | $\perp$  |          |          | $\perp$ |          | 1                  | ļ  | ,-                                    |       | 136        |   |  | [                                    | $\perp$  | $\perp$  |          | $\perp$  | $\perp$  | _         |
|                | 37       | $oxed{oxed}$ | $\vdash$   | <u>L</u> |              | <u> </u>   | <u> </u>     | Ш        | Ш         |   |       |          | 87       | Ш               | _        | $\perp$  | $\perp$  | _       | 1        | <u> </u>           | $\perp$  | Ţ.                                    |       | 137        |   | $\sqcup$                               | $\dashv$                             | $\perp$  | $\perp$  | _        | _        | $\dashv$ |           |
| <u> </u>       | 38       | $\vdash$     | _  | <u> </u> | <u> </u>     | $\vdash$   | <u> </u>     |          | $\square$ |   |       |          | 88       | Ш               | 4        | _        | $\perp$  | 4       | 4        | 4                  | ╙  |                                       |       | 138        |   | $\sqcup$                               | 4                                    | _        | 4        | 4        | _        | _        | _         |
| <u> </u>       | 39       | <u> </u>     | _  | <u> </u> | <u> </u>     | $\vdash$   | <u> </u>     |          | $\sqcup$  |   |       |          | 89       | Ш               | -        | $\dashv$ | $\perp$  | $\bot$  |          | $\bot$             | <u> </u>   |                                       |       | 139        |   | $\sqcup$                               | $\dashv$                             | 4        | $\dashv$ | _        | _        | 4        | 4         |
| <u> </u>       | 40       | ├_           | _  | $\vdash$ | _            | ├  | <del> </del> | $\vdash$ | $\vdash$  |   |       |          | 90       | $\vdash$        | $\dashv$ | $\dashv$ | -        | +       | +        | +                  | ⊬  | 7.7                                   |       | 140        | _ | $\vdash$                               | $\dashv$                             |          | $\dashv$ | 4        | $\dashv$ | -        | $\dashv$  |
|                | 41       | ⊢            | -  | L        | -            | ├-   |              | Н        | $\vdash$  |   | -     |          | 91       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +       | +        | +-                 | ├  |                                       |       | 141        |   | $\vdash \dashv$                        | $\dashv$                             | -        | -+       | 4        | -+       | $\dashv$ | $\dashv$  |
| <u> </u>       | 42<br>43 | ⊢            | ⊢  | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | H        | $\vdash$  |   |       |          | 92<br>93 | $\vdash$        | -+       | $\dashv$ | +        | +       | +        | ╄                  | ⊢  |                                       |       | 142<br>143 |   | $\vdash \vdash$                        |                                      | +        | +        | $\dashv$ | +        | $\dashv$ | -         |
|                | 43       | -            | $\vdash$   | $\vdash$ | ├-           | ╁  | ├—           | $\vdash$ |           |   | 1     |          | 94       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +        | ╀                  | ╁  | ٠,                                    |       | 144        |   | $\vdash$                               | -                                    | $\dashv$ | -        | +        | $\dashv$ | $\dashv$ | -         |
| -              | 45       | -            |  | -        |              | <del> </del>                                     | ├─           | Н        | $\vdash$  |   |       |          | 95       | $\vdash$        | $\dashv$ | +        | +        | +       | +        | ┿                  | $\vdash$   |                                       |       | 144        |   | $\vdash \vdash$                        | $\dashv$                             | $\dashv$ | -        | +        | +        | $\dashv$ | $\dashv$  |
|                | 46       | $\vdash$     | -  | -        | $\vdash$     |  | ├            | $\vdash$ | $\vdash$  | _ |       |          | 96       | $\vdash$        | +        | +        | +        | +       | +        | ╁                  | <del> </del>                                     |                                       |       | 145        |   | $\vdash$                               | $\dashv$                             | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 47       | $\vdash$     | -  | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$  |   |       | <u> </u> | 97       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       |          | +                  | -  |                                       |       | 147        |   | $\vdash$                               | $\dashv$                             | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 48       |              |  | $\vdash$ | H            | <del>                                     </del> |              | Н        | $\dashv$  |   |       |          | 98       | H               | $\dashv$ | $\dashv$ | $\dashv$ | +       | +        | +                  | 1  |                                       |       | 148        |   | $\vdash$                               | $\dashv$                             | $\dashv$ | $\dashv$ | $\dashv$ | 十        | $\dashv$ | $\dashv$  |
|                | 49       | -            | <del>                                     </del> | -        | <del> </del> |  | H            | $\vdash$ | $\vdash$  | _ |       |          | 99       | $\vdash \vdash$ | 十        | +        | $\dashv$ | +       | +        | +                  | $\vdash$   |                                       |       | 149        |   | $\vdash$                               | +                                    | 十        | 十        | +        | 十        | +        | $\dashv$  |
|                | 50       |              | Т  | $\vdash$ | H            | Н  | 一            | $\vdash$ | $\vdash$  |   |       |          | 100      | H               | $\dashv$ | $\dashv$ | +        | +       | +        | T                  | $\vdash$   |                                       |       | 150        |   | $\vdash$                               | $\dashv$                             | 十        | $\dashv$ | +        | +        | 1        | ᅱ         |
|                |          |              | _  | _        | Ь            | 1  | Ь—           | ш        |           |   |       |          | .00      | ш               |          | _        | _        | —.      |          |                    | _  | , ,                                   |       |            |   | ــــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــ |          |          |          |          |          |           |